

**United States Patent** [19]  
**Kaneko et al.****[11] Patent Number: 4,899,212**  
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- [54] **WHITE BALANCE ADJUSTING DEVICE FOR A CAMERA**
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**Related U.S. Application Data**

- [63] Continuation of Ser. No. 236,992, Aug. 26, 1988, abandoned.

**[30] Foreign Application Priority Data**

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- [51] **Int. Cl.<sup>4</sup>** ..... H04N 9/73  
[52] **U.S. Cl.** ..... 358/29; 358/41; 358/909  
[58] **Field of Search** ..... 358/29, 29 C, 41, 909

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A white balance adjusting device for use in a camera which photographs a field and forms a video signal representing the field. In the white balance adjusting device, while a sequential photographing is under way, updating of the color temperature data to be used for adjusting a white balance is prohibited. Therefore, the hues of main objects in the respective frames of still images photographed by the sequential photographic operation remain unchanged, thereby maintaining the homogeneity of the main objects. Also, in the white balance adjusting device, control a device is used to provide a short response time for a quick response property in a still mode and to provide a longer response time in a movie mode when compared with the still mode. As a result, the white balance can be adjusted according to the photographic modes of the camera.

**6 Claims, 4 Drawing Sheets**